

ABSTRACT

In a wireless LAN system using an access point to perform access control for accesses from a plurality of client terminals, an access point and each of a plurality of client terminals have a transmission means using a data transmission carrier wave frequency and a control signal transmission carrier wave frequency; each of the plurality of client terminals has a memory storing priority information; when the data transmission carrier wave frequency is not sensed on the wireless LAN, data are transmitted to the access point at a relevant data transmission carrier wave frequency; when the data transmission carrier wave frequency is sensed on the wireless LAN, a band reservation request is sent to the access point at a relevant control signal transmission carrier wave frequency along with priority information stored in the memory; and after a transmission confirmation is received from the access point for the band reservation request, data is transmitted to the access point at a relevant data transmission carrier wave frequency.